Application No.

O9/728,716

O'BRIEN ET AL.

Examiner

Gollamudi S Kishore, Ph.D

Applicant(s)

O'BRIEN ET AL.

Art Unit

Gollamudi S Kishore, Ph.D

Applicant(s)

O'BRIEN ET AL.

Applicant(s)

O'BRIEN ET AL.

Applicant(s)

O'BRIEN ET AL.

1	Rejected	_	(Through numeral) Cancelled	V	Non-Elected	A	Appeal
=	Allowed	÷	Restricted	ı	Interference	0	Objected

Claim			$_{L}$																														
2	Cla	Claim (4) Date						CI	Claim					Date						aim	Date												
102	Final	Original										Final	Original										Final	Original									
102		1	7	1		├	├	┢	╁		$\dashv$	-	51	╁╾	-	_	-	$\dashv$	-		-			101		$\vdash$			-	$\dashv$	$\dashv$		-
3			<u> </u>	┢	-	┢╾	├	<del> </del>	<del>                                     </del>		$\dashv$	-		-	-	-	Н	$\dashv$				-				$\vdash$	=		-	=	$\dashv$		Н
4         V         104         105           5         5         105         106           6         107         106         107           7         10         56         106         107           8         10         100         110         111	$\vdash$			┢	_	一	$\vdash$	H		_	$\dashv$			┢		$\vdash$	ш	$\dashv$	_	$\dashv$	十				-	$\vdash$	_	$\neg$	_	$\dashv$	$\dashv$		
5	_		✓	$\vdash$	-	┢	$\vdash$	H	$\vdash$		$\dashv$			$\vdash$	$\vdash$		Н	$\dashv$	寸		$\dashv$	_	-		_	H	$\dashv$			$\neg$	$\dashv$	$\neg$	$\vdash$
6			1			┢			┢									$\dashv$	_		-	_	-				_		-			_	$\dashv$
10			╫	╁	_	╁	$\vdash$	一	<del>                                     </del>		$\neg$		56	$\vdash$	$\vdash$		П	一	一		$\neg \uparrow$	_	<b>—</b>	106	_						$\Box$		$\neg$
S			1	Г	_	一		Т			$\neg$								$\neg$	$\neg$													
9   10   10   11   11   11   11   11						T			T		П							$\neg$	ヿ		T												_
10							İ						59					寸	╛	T											П		
11							Г																										$\Box$
13			1											П							_	ヿ									T		$\overline{}$
13		12											62											112	Ĺ								
15																			$\Box$		$\Box$			113									
16													64											114							$\Box$		
17			Щ																														
18			Ц				L			$oxed{oxed}$	_			L								_											
19			Ц	L	L	L	匚		<u> </u>		_									1			ļ								Ш		
120			Ш	ļ	L		<u>L</u>		<u> </u>		_	<u> </u>		<u> </u>									L	118						_	_		<u> </u>
21       1       121       121       122       122       123       123       123       123       124       124       124       124       124       124       125       126       126       126       126       127       127       127       127       127       127       127       128       129       128       129       128       129       129       130       130       130       130       131       131       131       131       131       131       131       131       131       131       131       132       132       132       133       133       133       133       133       133       133       133       133       133       133       133       133       133       133       133       134       134       134       134       134       134       135       135       135       135       135       135       135       135       136       137       137       137       137       137       138       139       139       149       140       141       141       141       141       142       142       143       143       144       144       144       144       145<			Ц		L					<u> </u>		ļ		<u>L</u>						i	$\perp$		L							_			
22       122       123       124       124       124       124       124       124       124       125       125       125       126       125       126       127       126       127       128       128       129       128       129       129       129       130       130       131       130       131       130       131       131       131       132       132       132       133       133       133       133       133       133       133       133       133       133       134       135       135       136       136       137       137       138       136       137       137       138       139       144       144       144       144       144       144       144       144       144       144       144       144       144       144       144       144       144       144       144       14	<u></u>		Ц	L	<u> </u>	<u>_</u>		匚	<u> </u>		_			_				_		_		_		120		Ц					$ \rightarrow $		
23       123       123       124       124       125       125       125       126       125       126       126       126       126       127       127       128       129       128       129       129       130       130       130       130       131       131       131       131       131       131       132       133       133       133       133       133       133       133       133       133       133       134       135       135       136       137       137       138       138       139       139       140       140       140       140       141       141       141       141       141       141       141       141       142       143       144       144       144       1			Ц	_	_		_		L.		_					_		_	_	$\dashv$	_	_	ļ	121		Ш	_			_	_		أحب
24         124         125         126         125         126         126         126         126         126         126         127         127         127         128         129         129         129         129         129         130         130         130         131         130         131         130         131         131         131         132         132         132         132         133         133         133         133         133         133         133         133         134         134         134         134         134         135         135         135         135         136         137         137         137         137         137         137         138         138         139         139         140         141         141         141         142         143         144         144         144         144         144         145         145         146         147         148         148         148         149         149         149         149         149         149         149         149         149         149         149         149         149         149         149         149         149			Ц	_	_			_			_			_					_	_		_				Ш					$\dashv$		
25       75       125       126       126       126       127       127       127       127       127       127       127       127       127       128       128       129       129       130       130       131       130       131       131       131       131       131       132       133       133       133       133       133       133       133       133       133       134       134       134       134       134       134       134       135       135       135       136       137       136       137       137       138       137       138       139       139       140       140       141       141       142       142       142       144       144       144       144       145       145       145       145       146       147       148       148       149	<u> </u>		Ш	_	ㄴ	<u> </u>		<u> </u>	<u> </u>	Ш	_		73	<u> </u>				_	_	_		_	ļ	123		Ш	_			_	_	_	لــــا
26     76       27     77       28     78       29     79       30     80       31     81       32     82       33     83       34     84       35     85       36     86       37     88       39     89       40     90       41     91       42     92       43     93       44     94       45     96       46     96       47     97       48     99       49     99	<u> </u>		<u> </u>	_				_	ļ		_	ļ		_				_	_		$\dashv$	_	<u> </u>		_	$\sqcup$	_			$\dashv$	$\dashv$	_	_
27       28       77       127       128       128       129       129       129       129       130       130       130       131       130       131       131       132       132       132       133<	<u> </u>		_	L	L	_	<u> </u>		_		_			<u> </u>		<u>.</u>				-				125		Н	_						
28     78       29     128       30     80       31     81       32     82       33     83       34     84       35     85       36     136       37     87       38     88       39     89       40     90       41     91       41     91       44     94       44     94       45     96       46     96       49     99       149	<u> </u>		ļ	┡	<u> </u>		<u> </u>	-	-			<u> </u>		<u> </u>			-		4	-	$\dashv$	4	-	126	_	Н	_					_	
29     79       30     130       31     81       32     82       33     83       34     84       35     85       36     86       37     88       39     89       40     90       41     91       42     92       43     94       44     94       45     96       46     97       48     98       49     99       149			-	▙	H	<b>.</b>	-	<u> </u>	┢	Н				⊢			$\dashv$	$\dashv$	-	4	$\dashv$	-	-	127	_	Н	_				$\dashv$		_
80		20		-	├	⊢	-			Н	$\dashv$	ļ		$\vdash$					$\dashv$	-		$\dashv$	-	120		$\vdash$	$\dashv$	-			$\dashv$	-	
31     81       32     131       33     132       33     133       34     134       35     85       36     136       37     86       37     137       38     88       39     89       40     90       41     91       42     92       43     94       44     94       44     95       46     96       48     98       49     99       147     148       49     99       148     149			-	-	├—	⊢	⊢	⊢	┢	$\vdash$	-			⊢	-		$\dashv$		-+	-		-		129	_	Н	_	-		$\dashv$	$\dashv$	-	
32     82       33     132       34     133       35     84       35     85       36     136       37     88       39     88       39     90       40     91       41     91       42     92       43     93       44     94       45     96       46     96       47     97       48     98       49     99			-	╟		-	┢	$\vdash$		Н	$\dashv$			$\vdash$	Н		$\dashv$	$\dashv$		-	$\dashv$	┥			_	Н	-	-		-	$\dashv$	-	$\overline{}$
33     34       35     36       37     38       39     89       40     91       41     91       42     92       43     93       44     94       45     96       48     99       49     99       148     99       149	<u> </u>	32	-	-		$\vdash$	┢		⊢			<u> </u>			-	_	$\vdash$	$\dashv$	$\dashv$			$\dashv$		132	_	$\vdash \vdash$			$\dashv$	$\dashv$	$\dashv$	$\dashv$	-
34	<b>-</b>			-	-	-	$\vdash$		$\vdash$	-		$\vdash$			-	-	$\vdash$	$\dashv$	$\dashv$		-+	┥			-	H				-	$\dashv$	$\dashv$	_
35  <	-		Н	-		$\vdash$	$\vdash$		Н	H	$\dashv$			-			-	$\dashv$	+	-	-+	$\dashv$				$\vdash$		$\dashv$			$\dashv$	$\dashv$	_
36			Н	<del>                                     </del>	$\vdash$	Н	_		<del>                                     </del>	Н	$\dashv$			$\vdash$	Н		-	$\dashv$	$\dashv$	_	$\dashv$	$\dashv$		135		$\vdash$	$\dashv$	$\neg$		$\neg$	$\dashv$		
37			Н		$\vdash$	$\vdash$			Т	Н	$\dashv$			<u> </u>	$\vdash$		$\vdash$	$\neg$	_	-	$\dashv$	$\dashv$				$\vdash$	-				$\dashv$		
38       39       √       88       138       139       139       139       140       140       140       140       140       141       141       141       141       141       141       142       142       142       142       143       143       144       144       144       144       144       144       145       145       145       146       146       147       147       148       148       148       149 </td <td></td> <td></td> <td>H</td> <td>T</td> <td>Г</td> <td><math>\vdash</math></td> <td>T</td> <td>T</td> <td></td> <td>П</td> <td><math>\dashv</math></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td><math>\dashv</math></td> <td><math>\dashv</math></td> <td><math>\dashv</math></td> <td><math>\dashv</math></td> <td>┨.</td> <td></td> <td></td> <td></td> <td>H</td> <td></td> <td><math>\neg</math></td> <td><math>\dashv</math></td> <td>一</td> <td><math>\dashv</math></td> <td></td> <td>_</td>			H	T	Г	$\vdash$	T	T		П	$\dashv$							$\dashv$	$\dashv$	$\dashv$	$\dashv$	┨.				H		$\neg$	$\dashv$	一	$\dashv$		_
39 √       89       139         40       90       140         41       91       141         42       92       142         43       93       143         44       94       144         45       95       145         46       96       146         47       97       147         48       98       148         49       99       149			7		<del>                                     </del>	Т	Г		$\Box$	М	$\neg$						$\neg$		一	$\dashv$	$\dashv$	┪				Н	$\neg$	$\neg$			$\dashv$		
40       90       140         41       91       141         42       92       142         43       93       143         44       94       144         45       95       145         46       96       146         47       97       147         48       98       148         49       99       149		39	abla			Т				П	ヿ								寸		7					$\Box$	$\neg$						
41     91       42     92       43     93       44     94       45     95       46     96       47     97       48     98       49     99		40	Ť										90											140									
42       92       142         43       93       143         44       94       144         45       95       145         46       96       146         47       97       147         48       98       148         49       99       149		41											91								1			141									
43     93     143       44     94     144       45     95     145       46     96     146       47     97     147       48     98     148       49     99     149		42											92								丁			142			_						
45     95       46     96       47     97       48     98       49     99																			$\Box$		$\Box$			143									
45     95       46     96       47     97       48     98       49     99													94						$\Box$					144							$\Box$		
47     97       48     98       49     148																								145									
48     98       49     148				$oxedsymbol{oxed}$		Ĺ	$oxedsymbol{oxedsymbol{oxed}}$												$\Box$			$\Box$		146							$\Box$		
49 99 149 149	L				L	$ldsymbol{ldsymbol{ldsymbol{eta}}}$	L_	L	<u> </u>									$\Box$		_]	$\Box$												
	ļ	48	_	L.,	L_	$ldsymbol{ldsymbol{ldsymbol{eta}}}$	$oxed{oxed}$	oxdot		$\Box$			98	<u> </u>			$\Box$	$\Box$	_[		$\perp$	_		148		Ш	]	]		[			
				L_	<u> </u>	<u> </u>	<u> </u>	<u> </u>	Ш	$\sqcup$	_			<u> </u>	Ш			$\dashv$		_		_		149		$\Box$						]	
	L	50		Щ.	L			L	L				100	<u> </u>			]		[					150									